"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

USPENSKIY, S.M.; BEME, R.L.; PRIKLONSKIY, S.G.; VEKHOV, V.N.

Birds of northeastern Yakutia (to be continued). Ornitologiia no.4: 64-86 '62. (MIRA 16:4)

(Yakutia—Birds)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKLONSKIY, S.G.

Feeding habits of the eagle Aquila clanga Pall. in the mouth of the Beleya River. Ornitologiia no.3:174-179 '60. (MIRA 14:6)
(Igim region—Eagles) (Birds—Food)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKLONSKIY, S.G.

Numbers and feeding of diurnal birds of prey in the Oka Preserve. Trudy Probl. i tem. sov. no.9:216-222 '60. (MIRA 13:9)

1. Okskiy gosudarstvennyy zapovednik.
(Oka Preserve—Birds of prey)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKLONSKIY, S.G.

Use of automatic traps for catching birds. Zool.zhur. 39 no.4:623-624 Ap '60. (MIRA 13:11)

1. Ornithological Station Attached to the Oka State Preserve. (Birds) (Trapping)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKLONSKIY, S.G.; TEPLOV, V.P.

Census of the abundance of capercaillie, crane and heron in the forests of the central provinces of the European part of the R.S.F.S.R. Trudy OGS no.4:33-64 '62. (MIRA 17:9)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKLONSKIY, S.G.; NEKRASOV, B.V.; SAPETIN, Ya.V.; SAPETINA, I.M.

Comparative characteristics of the spring flight of corvine birds (family Corvidae) in some places of the central Volga basin in 1957. Trudy OGZ no.4:287-299 '62. (MIRA 17:9)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKLONSKIY, S.G.; SAPETIN, Ya.V.

Results of the rook banding in Ryazan Province. Trudy GG
no.4:300-325 '62. (MIRA 17:9

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

KARPOVICH, V.N.; PRIKLONSKIY, S.G.

Catching ducks by stationary traps in their fall resting places.
Trudy OGZ no.4:387-394 '62. (MIRA 17:9)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKLONSKIY, S.G.; BIANKI, V.V.; KARPOVICH, V.I.; KISELEV, Ye.N.; [illegible] I.M.; SAPETIN, Ya.V.

Catching birds by automatic live traps. Trudy OOZ no.:[illegible]
'62. (MIRA 17:9)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKLONSKIY, S.G.

Catching greater spotted woodpeckers in their [illegible]
Trudy OGZ no.4:427-429 '62.

Device for taking heron nestlings out of their nests. Ibid.:435-436
(MIRA 17:9)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKLONSKIY, S.G.

Scale coefficients for processing data on the winter field census of game animals based on their traces. Biul. MOIP. Otd. biol. 70 no. 6:5-12 N-D '65 (MIRA 19:1)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

BUTENKO, O.M.; FRIKLONSKIY, S.G.

Fauna and ecology of gamasid mites of birds. Trudy Astr. zap. no.9:57-63 '64. (MIRA 18:10)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

AL'TOVSKIY, M.Ye.; CHAPOVSKIY, Ye.G.; BABUSHKIN, V.D.; BINDEMAN, N.N.; LAPTEV, F.F.[deceased]; SOKOLOV, I.Yu.; CHALISHCHEV, A.M.[deceased]; PROKHOROV, S.P.; TOKAREV, A.N.; KOROTEYEV, A.P.; ABRAMOV, S.K.; KONOPLYANTSEV, A.A., red.; PRIKLONSKIY, V.A., red. deceased]; SPITSYN, N.I., red.; MARINOV, N.A., red.; KULICHIKHIN, N.I., red.; GARMONOV, I.V., red.; LYUBCHENKO, Ye.K., red. izd-va; POTAPOV, V.S., red. izd-va; GUROVA, O.A., tekhn. red.

[Hydrogeologist's handbook] Spravochnik gidrogeologa. Pod obshchei red. M.E.Al'tovskogo. Moskva, osteoltekhizdat, 1962. 615 p. (MIRA 15:7)
(Water, Underground)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKLONSKIY, V.P.; SVIRIDOV, A.A., inzh.

Conference on the use of the pushing method of towing in steamship lines located in eastern basins. Rech. transp. 17 no. 7:23 Jl '58. (MIRA 11:8)

1. Zamestitel' nachal'nika Obskogo rechnogo parokhodstva(for Priklonskiy).
(Siberia--Towing)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKLONSKIY, V.V., inzh. (stantsiya Yasinovataya)

New operational planning of train service. Zhel. dor. transp. 40 no.6:82-84 Je '58. (MIRA 11:6)

1.Nachal'nik otdela ekspluatatsii Yasinovatskogo otdeleniya Donetskoy dorogi.
(Railroads--Management)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKLONSKIY, YE. N.

PA 171T39

USSR/Electricity - Conductors Nov 50
Power Networks

"Optimum Current Density in Wires, Cables and Bus Bars," Ye. N. Priklonskiy, Engr, State Inst of Nitrogen Ind

"Elektrichestvo" No 11, pp 3-9

Method of determining optimum density yields savings in investment, nonferrous metals, and operating expenses. Recommends new formulas for calculation. Gives preliminary values of optimum density obtained through these formulas. Submitted 9 Jun 50.

171T39

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

1. PRIKLONSKIY, Ye. N., Eng.

2. USSR (600)

4. Electric currents - Grounding

7. Effecting grounding and neutralation in networks up to 1000. Prom. energ. 9 No. 10, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

1. PRIKLONSKIY, Ye. N., Eng.

2. USSR (600)

4. Lightning conductors

7. Norms of resistance to the grounding of lightning rods on factory smoke stacks. Priklonskii. Prom energ No. 1 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

1. PRIKLONSKIY, Ye.N.

2. USSR (600)

4. Electric Networks

7. Remarks on an article by Engs. R.I. Klionskaya and Ye. G. Chernyshevaya "On the problem of selecting the voltage for power and lighting networks." Eng. Ye. N. Priklonskiy, 10 no. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKLONSKIY, YE. N.

AID P - 616

Subject : USSR/Electricity

Card 1/1 Pub. 27 - 20/35

Author : Priklonskiy, Ye. N., Eng.

Title : V. M. Dmitriyev's article: "Determination of an Economical Current-Carrying Capacity in a Cable Distribution Network", in Elektrichestvo, #10, 1953 (Discussion)

Periodical : Elektrichestvo, 8, 79-80, Ag 1954

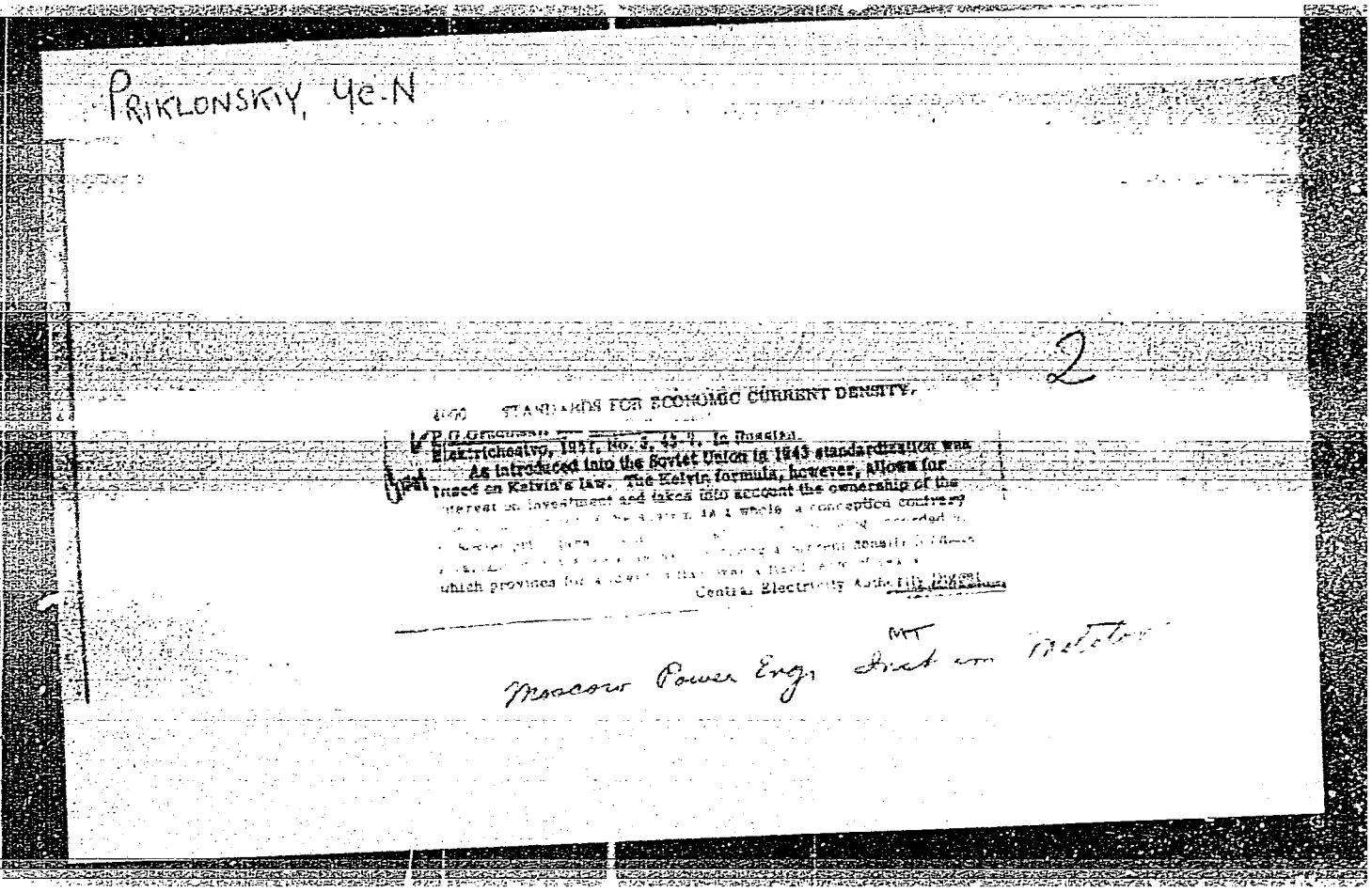
Abstract : The author criticizes the above article from the point of view of its mathematical inaccuracy. Two Russian references.

Institution : State Institute of the Nitrogen Industry of the U.S.S.R.

Submitted : No date

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5



PRIKLONSKIY, Ye.N

2

STANDARDS FOR ECONOMIC CURRENT DENSITY.

Elektrichestvo, 1951, No. 3, [illegible] In Russian.

As introduced into the Soviet Union in 1943 standardization was based on Kelvin's law. The Kelvin formula, however, allows for interest on investment and takes into account the ownership of the which provides for a [illegible]

Central Electricity Auth. Fuel Division

Moscow Power Eng. Inst. MT

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKOLOTA, G.

What is hidden by average figures. Muk.-elev. prom. 21 no. 2: 30. F '55. (MLRA 8:3)

1. Upravleniye Upolminzaga po Dnepropetrovskoy oblasti.
(Grain--Drying)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKOLOTIN, Mikh.

Considerations on toxic effects of trotyl on the organism of industrial workers in the Plovdiv Region. Suvr. med. 12 no.10: 29-34 '61.

(TRINITROTOLUENE) (OCCUPATIONAL DISEASES)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

[illegible], V.

"Emergency and alarm plan for coal mines."
Uhli, Praha, Vol 4, No 6, June 1954, p 187

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

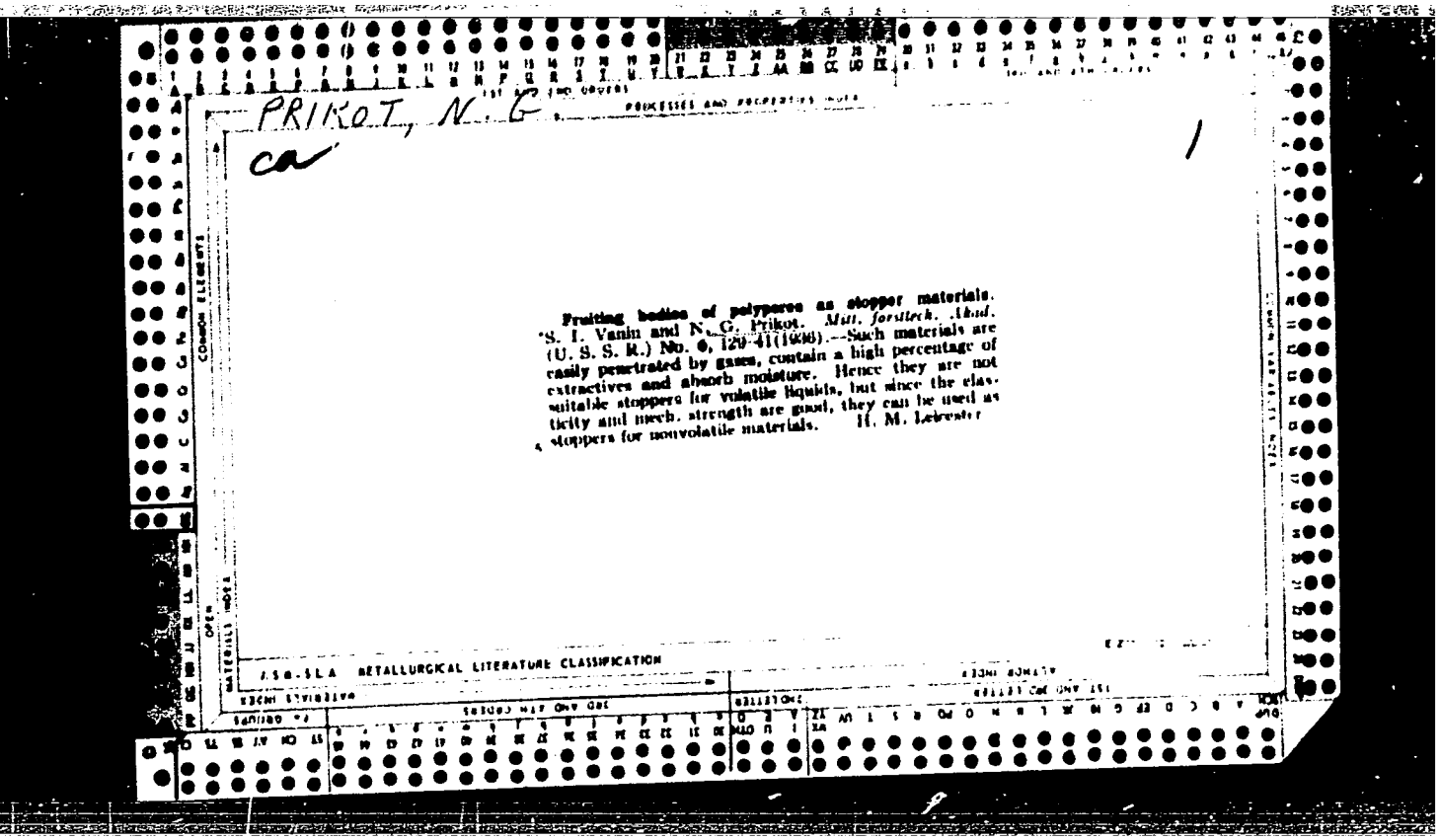
PRIKOT, N. G.

VANIN, S. I. and PRIKOT, N. G. "Fruiting Bodies of Polyporus Fungi as Corking Material," Trudy Lesotekhnicheskoi Akademii imeni S. M. Kirova, no. 44, 1935 pp. 129-141. 99.9 L542

SO: SIRA SI-90-53, 15 Dec. 1953

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5



PRIKOT, N. G.

ca

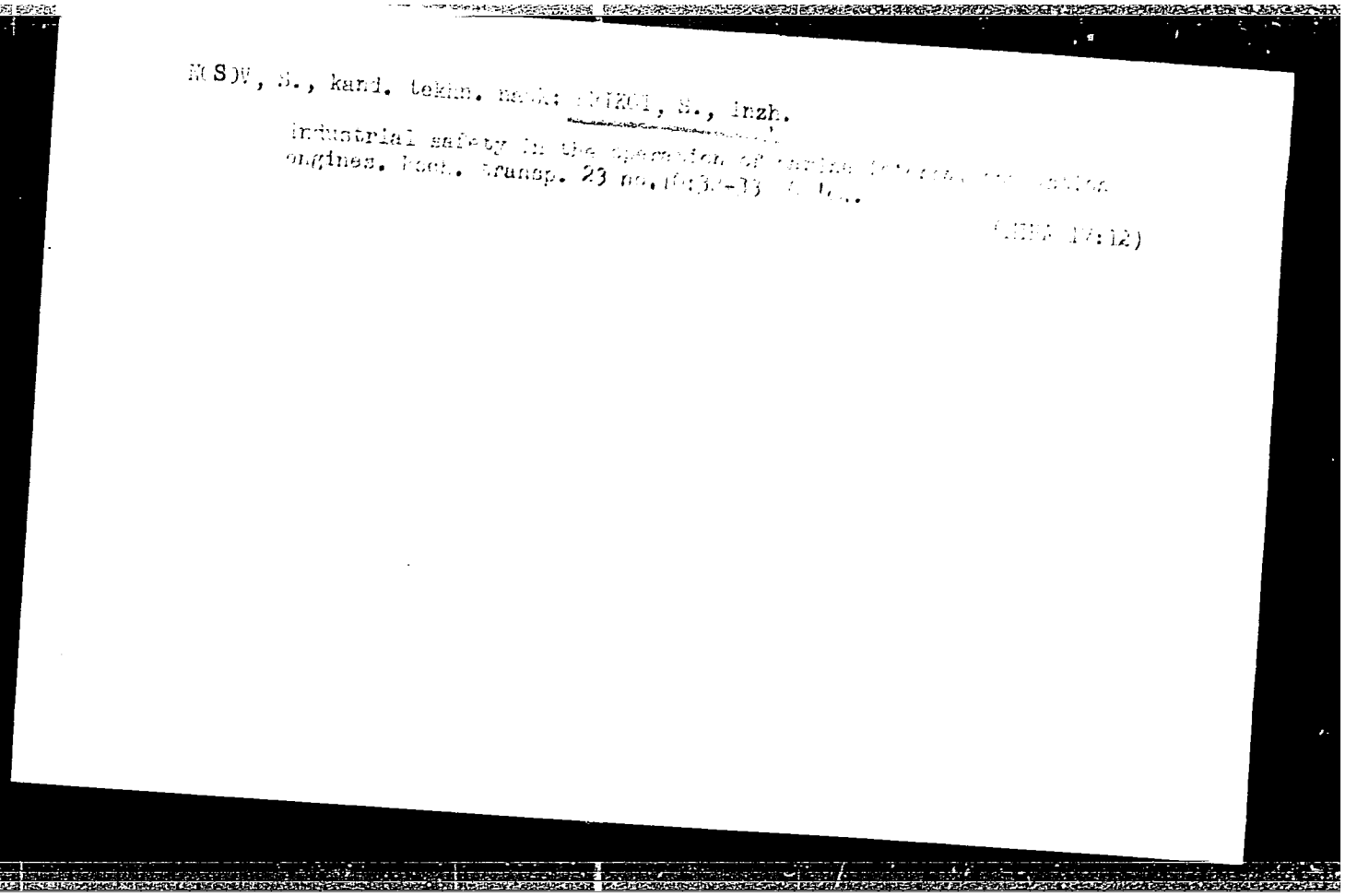
1

Fruiting bodies of polyporus as stopper materials. *S. I. Vanin and N. G. Prikot. Mat. forsttech. Ind. (U. S. S. R.) No. 6, 120-41(1936).*—Such materials are easily penetrated by gases, contain a high percentage of extractives and absorb moisture. Hence they are not suitable stoppers for volatile liquids, but since the elasticity and mech. strength are good, they can be used as stoppers for nonvolatile materials. H. M. Leicester

U.S.S.R. METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5



MOSOV, S., kand. tekhn. nauk; [illegible], S., inzh.

Industrial safety in the operation of [illegible]. Mekh. transp. 23 no.[illegible] [illegible]

(MIRA 17:12)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKOT, S.Ya., inzh.

Safe arrangement of equipment on vessels sailing inland waterways.
Trudy LIVT no.69:45-53 '64. (MIRA 18:10)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKRYL, A.; CHEJLAVA, L.

Use of palm oil in margarine production p. 373.

PRUMYSL POTRAVIN. Praha

Vol. 6, no. 8, 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKRYL, Antonin; HLAVSA, Erich

A new method of prerefinement of fresh rape oil. Prum potravin 15 no.8:404 Ag '64.

1. Severoceske tukove zavody National Enterprise, Usti nad Labem (for Prikryl). 2. Research Institute of Fat Industry, Usti nad Labem (for Hlavsa).

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

HAJEK, V.; PRIKRYL, H.

Sinus pericranii -- a diagnostic and methodological contribution. Cesk. rentgen. 17 no.6:399-402 N '63.

1. Vojenska nemocnice v Ruzomberku.
(SCALP) (VASCULAR DISEASES)
(CRANIAL SINUSES) (RADIOGRAPHY)
(INTRACRANIAL PRESSURE) (DIAGNOSIS)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

HAJEK, Vlastimil; PRIKRYL, Horymir

Work in 2 relays in a roentgenological department. Cesk. rentg. 15 no.6:401-403 '61.

1. RTG oddeleni nemocnice, Ruzomberok.
(RADIOLOGY)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

DVORAK, Jaroslav; PRIKRYL, Ivan; SOBOTA, Josef, Technicka spoluprace M. Patockova and L. Pekarova.

Isolation of dermatophyta from soil. Cesk. epidem. mikrob. imun. 8 no.4:259-262 July 59

1. Ustredni mikrobiologicka laborator klinicke nemocnice v Hradci Kralove.

(SOIL, microbiol.)
(FUNGI)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

2

BUDĚŠÍNSKÝ, Z; JELÍNEK, V; PŘIKRYL, J.

Czechoslovakia

Research Institute for Pharmacy and Biochemistry -- Prague - (for all)

Prague, Collection of Czechoslovak Chemical Communications, No 11, 1962, pp 2550-2560

"5-Halogenpyrimidine I. Preparation of 4-Hydroxy-5-Halogenpyrimidines."

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

CZECHOSLOVAKIA

BUDESINSKY, Z; PRIKRYL, J; SVATEK, E.

Research Institute for Pharmacy and Biochemistry, Prague, - (for all).

Prague, Collection of Czechoslovak Chemical Communications, No 11, November 1965, pp 3895-3901.

"5-halogenpyrimidines. Part 2: Synthesis of 2-hydro-5-fluorpyrimidine."

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRZHIKRYL, I. [Prikryl, J.]; ESTERKA, F.

Dispersion of bentonite suspensions by phenol compounds considering their chemical configuration. Prace ust naft 18:57-58 '61.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKRYL, J.

CZECHCSLOVAKIA/Physical Chemistry - Crystals. F.

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 45731

Author : Vaclav Cupr, Silvestr Minar, Vladimir Kleinwächter, Josef Prikryl

Inst : Brno Institute CSAV

Title : Study of Tertiary Zinc Phosphate.

Orig Pub : Prace Brnenske zaklad. CSAV, 1957, 29, No 1, 19-39

Abstract : The structure of tertiary Zn phosphate was studied by the x-ray method with the application of the differential thermal analysis. Solid phases were separated at temperatures of 37, 75 and 94° from the ZnO - P_2O_5 - H_2O system containing 11.8% of ZnO, 8.8% of P_2O_5 and 79.4% of H_2O, and the aging process of solid phases in the air was studied. The solid phase separated at 37° is a tetrahydrate. The solid phase separated at 75°

Card 1/2

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

CZECHOSLOVAKIA/Physical Chemistry - Crystals. B.

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 45731

is a tetrahydrate while it is freshly deposited, but after two months of aging a mixture of tetrahydrate and dihydrate of the ratio 2 : 1 is formed. The solid phase separated at 94° was identified as a mixture of tetrahydrate with dihydrate, their ratio changing from 3 : 2 at the beginning of the aging process to 2 : 3 in tis end.

Card 2/2

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

(1)

CZECHOSLOVAKIA

BUDESINSKY, Z; PRIKRYL, J; SVATEK, E.

Research Institute for Pharmacy and Biochemistry, Prague, - (for all).

Prague, Collection of Czechoslovak Chemical Communications, No 11, November 1965, pp 3895-3901.

"5-halogenpyrimidines. Part 2: Synthesis of 2-hydro-5-fluorpyrimidine."

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

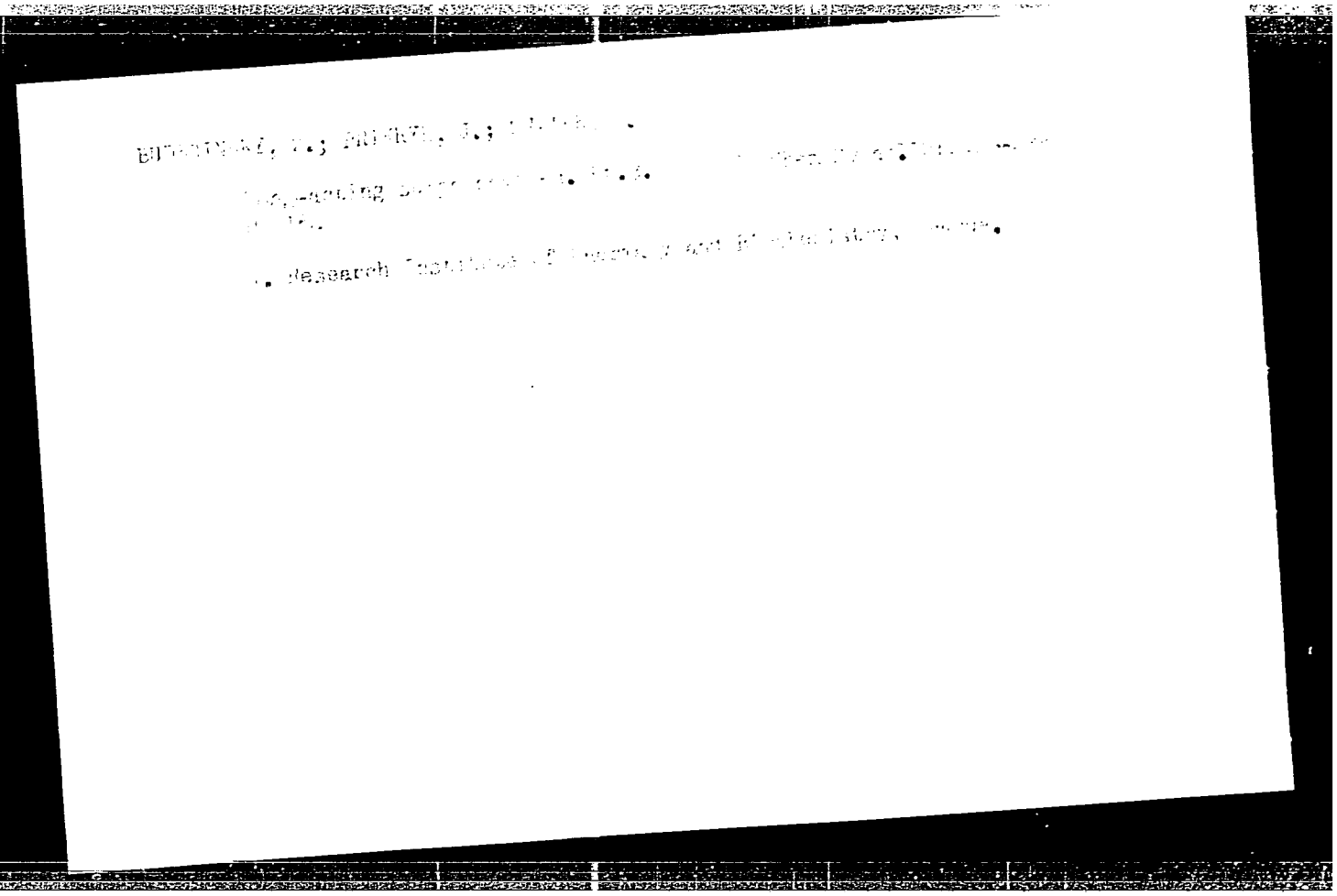
PRIKRYL, Josef, Inz.

Swelling of clay sediments and the chemical dressing of wash. Geol pruzkum 6 no.4:107-108 Ap '64.

1. Ceskoslovenske naftove doly National Enterprise, Hodonin Research Institute in Brno.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5



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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKRYL, Kvetoslav, inz.

Examination of the growth density of winter wheat. Vest ust zemedel 10 no.5:166 '63.

1. Vyzkumny ustav obilnarsky, Kromeriz.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

VLACH, Miloslav, inz.; PESIK, Josef, inz.; PRIKRYL, Kvetoslav, inz.

Present situation and prospective methods of cultivating high-yield varieties of winter wheat in Czechoslovakia. Rost vyroba 9 no.3/4:329-348 Mr-Ap '63.

1. Vyzkumny ustav obilnarsky, Kromeriz.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKRYL, Kvetoslav, inz.

International symposium on breeding and genetics of wheat.
Vestnik vyzk zemedel 9 no.10:474-477 '62.

1. Vyzkumny ustav obilnarsky, Kromeriz.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKRYL, Lubomir Viliam

Report on the exploration of the [illegible] end of Tolmy vrch. Geor[illegible]

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKRYL, M.

"Materials which conquered the world."

p. 26 (Ceskoslovensky Vojak) Vol. 7, no. 1, Jan. 1958
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKRYL, Zdenek

Obrabeni. 1. dil. Technologie obrabeni. (Machining. Vol. 1. Technology of Machining. 1st ed. illus., bibl.) Authors: Zdenek Prikryl, and others. For designers, engineers, investment experts, and students of technical schools of mechanical engineering. Prague, SNTL, 1957. 440 p.

The first volume deals with the principles, laws, and methods of machining, its economic aspects, and productivity, qualitative evaluation of the finished surface and the finishing capacity. Description of the main types of finishing: cutting, shaping, boring, drilling, smoothing, reaming, thread cutting, polishing, final finishing of surfaces, manual machining and cutting of materials.

Bibliograficky katalog, CSR, Ceske knihy, No. 32. 17 Sept 57. p. 680.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

LUPINEK, Z.; RYSAVY, F.; [illegible], E.; [illegible], V.

On clinical experiences with some drugs used in the treatment of angina pectoris. Sor. med. fac. med. Brunensis 38 no.1: 51-63 '65

1. I. interni klinika lekarske fakulty University J.E.Purkyne v Brne (vedouci: prof. MUDr. M. Stejfa) a Mestsky ustav narodniho zdravi v Brne (vedouci: MUDr. J. Trnka).

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKRYL, Z.

250 years of technical schools in Prague. p. 281.

(Slaboproudy Obzor. Vol. 18, no. 5, May 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKRYL, Z.

250 years of the Prague Institute of Technology.

P. 55, (Sbirke Vynalezu) Vol. 6, no. 3, Mar. 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKRYL Zd. Prevence aerogennich infekci The prevention of air-borne infection
Prakticky Lekar, Prague 1947, 27/4 (79-81)

A review of the modern development of aerosols. Wolf- Prague

So: Medical Microbiology, and Hygiene, Section IV, Vol. I, #1-6

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKSHAYTIS, M., inzh.

Frame-and-panel public buildings. Zhil. stroi. no.6:7-11 '62.
(MIRA 15:7)
(Precast concrete construction)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKSHAYTIS, M. [Priksaitis M.], inzh.

Another hydroelectric power station which serves several collective farms. Sel'. stroi. 13 no.6:6-7 Je '58. (MIRA 11:6)
(Lithuania--Hydroelectric power stations)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKSHAYTIS, Mikhail Nikolayevich; KAMENSKAYA, Ye.A., red.

[Using VAS-58 tables for navigation in oceans; from practices of the Lithuanina fishing fleet of the Main Administration of "Zapryba."] Ispol'zovanie tablits VAS-58 pri plavanii v okeanakh; po opytu Litovskogo rybopromyslovogo flota Glavnogo upravleniia "Zapryba." Moskva, Pishchevaia promyshlennost', 1964. 58 p. (MIRA 17:11)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRIKSHAYTIS, M.P., inzhener.

Example of pressure groundwater control. Gidr. stroi. 26 no.4: 45-47 Ap '57. (MLRA 10:6)

(Water, Underground)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

GOLOVINA, A. A., assistent; PRILENSKIY, Yu. F., assistent

Pathomorphological changes in the brain in acrichine "psychosis" in animals. Trudy Novosib. gos. med. inst. 37:125-134 '61. (MIRA 15:6)

1. Kafedra patologicheskoy anatomii (zav. prof. V. M. Konstantinov) Novosibirskogo gosudarstvennogo meditsinskogo instituta (for Golovina).

(PSYCHOSES) (QUINACRINE--TOXICOLOGY)
(BRAIN--DISEASES)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRILENSKIY, Yu. F., assistent

Adrenaline content in the blood of animals with an acrichine "psychosis". Trudy Novosib. gos. med. inst. 37:151-153 '61. (MIRA 15:6)

(ADRENALINE) (QUINACRINE—TOXICOLOGY)
(PSYCHOSES)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRILENSKIY, Yu. F., assistent

Ascorbic acid content in acrichine "psychosis" in animals.
Trudy Novosib. gos. med. inst. 37:158-162 '61.
(MIRA 15:6)

(ASCORBIC ACID) (QUINACRINE—TOXICOLOGY)
(PSYCHOSES)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRILENSKIY, Yu. F., assistent; VINOGRADOV, V. V., nauchnyy sotrudnik

Acrichine content and distribution in the brain in acrichine "psychosis" in animals. Trudy Novosib. gos. med. inst. 37: 193-198 '61. (MIRA 15:6)

1. Laboratoriya gistokhimii (zav. starshiy nauchnyy sotrudnik B. B. Fuks) teoricheskogo otdela (zav. - prof. I. K. Yesipova) instituta eksperimental'noy biologii i meditsiny Sibirskogo otdeleniya AN SSSR (direktor prof. Ye. N. Meshalkin) (for Vinogradov).

(BRAIN) (QUINACRINE—TOXICOLOGY) (PSYCHOSES)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRILENSKIY, Yu. F.

Cand Med Sci - (diss) "Psychic disorders in acute bacillary dysentery." Novosibirsk, 1961. 20 pp;(Tomsk State Med Inst); number of copies not given; price not given; (KL, 6-61 sup, 239)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRILEPCANSKI, I.

Q fever and the level of immunity to C. burnetti in some regions of Macedonia. Higijena 16 no. 2:93-96 '64.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRILEPCANSKI, Ivan, Dr.

Public Health Center in the fight against communicable diseases in its jurisdiction. Higijena, Beogr. 7 no.1-4:43-47 1955.

1. Centralni higijenski zavod, Skoplje.
(COMMUNICABLE DISEASES, prev. & control
in Yugosl., role of Public Health Center (Ser))
(PUBLIC HEALTH
Public Health Center, role in prev. of communicable dis. in Yugosl. (Ser))

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

SADIKARIO, A.; PRILEPCANSKI, I.; MLADENOVSKI, B.; SAJKOVSKI, M.

Clinical and epidemiologic aspects of Q fever. God. zborn. med. fak. Skopje 11:181-187 '64.

1. Republicki zavod za zdravstvena zastita vo Skopje (direktor: prim. d-r. G. Tofovski) i Klinika za detski bolesti pri medicinskiot fakultet, Skopje (direktor: doc. d-r. H. Duma).

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

30(1) SOV/99-59-9-2/14

AUTHOR: Bukov, N.N., Candidate of Technical Sciences, and Prilepin, I.T., Engineer

TITLE: Lightweight Sprinkler DDA-100MA

PERIODICAL: Gidrotekhnika i melioratsiya, 1959, Nr 9, pp 10-14 (USSR)

ABSTRACT: Sprinkling of tilled acreage by means of different mechanical devices has been widely used of late. At the present time, one of the most popular among the sprinkling units is the assembly DDA-100MA which produces a very fine atomized, artificial rain. The assembly is 110 m long; it is mounted on the tractor DT-54 (Figure 2). Two requirements are presented to sprinklers of this type: 1) their girder must have a maximum wing swing in order to permit sprinkling over the largest possible area; 2) it should not be too heavy for the tractor DT-54 which is not intended to stand large vertical stresses. The maximum load

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allowed for this tractor is 4,500 kg. To meet the problem of the weight decrease, a special girder design has been worked out. As construction material aluminum alloys were used; on the advice of Chief Engineer F.V. Tulyankin, the alloy AMG-6T was used for making flanges and pipes. This alloy can be easily welded and does not loose its initial mechanical properties. All essential components of the girder as well as their mechanical specifications are given in Table 1. In computing dynamical stresses of the girder beams, the following formula was used: $\sigma_{din} = \sigma_{st} \mu$, where μ is the dynamical coefficient equal to 1.22 for beams of the lower girder boom; 1.25 for beams of the upper boom; 1.35 for the strut; and 1.40 for the stanchion. The assembly DDA-100MA was tested, from September 29 to October 10, 1958, on the fields of the Sovkhoz "Rubezhnoye" in the Kuybyshev district. During the test the following assembly components were checked: Change speed gear box, pump and water suction pipe; hydraulic system of regulation of the

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Lightweight Sprinkler DDA-100MA SOV/99-59-9-2/14

girder pitch at work; and the strength of duralumin girder beams. There are 1 table and 2 photographs.

ASSOCIATION: VNIIGiM (I.T. Prilepin)

Card 3/3

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRILEPIK, I. T., Cand Tech Sci -- "Study of ~~the statistical~~ static and dynamic stresses in the shafts of rain-embankment trusses." Mos, 1961. (Mos Order of Lenin Agri Acad im K. L. Timiryazev) (KL, 8-61, 248)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRILEPIN, M G.

AUTHOR: None Given SOV/154-58-1-22/22

TITLE: Chronicle (Khronika)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy . Geodeziya i aero-fotos"yemka, 1958, Nr 1, pp 171-171 (USSR)

ABSTRACT: In July 1957 a consultative conference on geodesic methods of observation of deformations of hydraulic structures took place in the MIIGA i K (Moscow Engineering Institute of Geodesy, Aerophotography and Cartography). Representatives of universities and government offices participated in the discussions. The purpose of the conference: Exchange of experience in the observation of deformations of hydraulic structures.
On June 7, 1957, defences of theses for the graduation to a Candidate of Technical Sciences took place in the MIIGA i K: M. G. Prilepin: "Definition of the Observation of Atmospheric Refraction in Distance Measurements With Modulated Light Range-Finders"; A. D. Kopylova: "An Investigation of the Observation of Cartographic Marks".
On June 19, 1957, the defence of thesis for the graduation to a Doctor of Technical Sciences took place in the MIIGA i K. The subject of the thesis by B. N. Rabinovich: "Problems of

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Chronicle

SOV/154-58-[illegible]22/22

Adjusting the Astronomic-Geodesic Net of the USSR in Connection With the Influence of the General Pole of Refraction". On June 28 and July 2, 1957, the Scientific Council of the Moscow Engineering Institute of Geodesy, Aerophotography and Cartography discussed the curriculum of the Department of Cartography. Docent P. F. Shokin (Department of Higher Geodesy) developed a 24-hour schedule for determining gravimetric corrections with regard to the influence of sun and moon on the tides. With this new schedule the observations can be considerably simplified. Ya. F. Kulitskaya and V. P. Chulkov-Eydman, Candidates for the Diploma of the MIIGA i K produced the graphic plan for the year 1958, which later on was passed on to the scientific institutions and industrial organizations of the USSR and of other Socialist countries.

Card 2/2

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRILEPIN, M. T.

PRILEPIN, M. T.

"Problem of Density and Compressibility of the Earth's Crust," Tr. Mosk, in-ta inzh. geod. aerofotos'yemki i kartogr., No 16, 1953, pp 89-96

Results obtained by V. A. Magnitskiy (Voprosy kosmogonii No 1, izd. AN SSSR, M. 1952), based on solid-state physics and expressed in a differential equation determining the ratio of the modulus of volume compression K to pressure p, are applied to determine the dependence of K and p on depth at various assumptions of the composition of the crust.

RZhFiz, No 3, 1955

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRILEPIN, M.T.

Results of studying Bergstrand's geodimeter. Geod.i kart no.2:67-75 F '57. (MLRA 10:5)

(Surveying--Instruments)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRILEPIN, M.T.

Determining the refraction index of air while measuring distances by means of optical range finders. Geod. i kart. no.3:20-30 Mr '57.
(Meteorological optics) (MLRA 10:8)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

Prilepin, M.T.

NAZAROV, V,M,, kandidat tekhnicheskikh nauk; GENIKE, A.A.; PRILEPIN, M.T.; LAZANOV, P.Ye.

New apparatus for measuring distances in geodesy. Geod.i kart. no.7:42-43 Jl '57. (MIRA 10:10)

(Telemeter)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRILEPIN, M.T.

News in triangulation techniques abroad. Geod.i kart. no.9:67-75 S '57. (MIRA 10:11)
(Triangulation) (Surveying--Instruments)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRILEPIN, M.T., aspirant.

The most probable values for the speed of light in vacuo. Trudy MIIGAIK no.28:53-60 '57. (MIRA 11:1)
(Light--Speed)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRILEPIN, M.T.

Light modulation method for determining the mean refractive index of air along certain lines. Trudy TSNIIGAIK no.114:127-130 '57.
(Refractometer) (Air--Optical properties) (MIRA 11:3)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRILEPIN M. T.

3(4) PHASE I BOOK EXPLOITATION SOV/2067

Moscow. Institut inzhenerov geodezii, aerofotos "yemki i kartografii

Trudy, vyp. 28 (Transactions of the Moscow Institute of Geodetic, Aerial Survey and Cartographic Engineers, Nr 28) Moscow, Geodezizdat, 1957. 110 p. 1,400 copies printed.

Ed.: A. I. Mazmishvili; Ed. of Publishing House: T. A. Shamarova; Tech. Ed.: V. V. Romanova;

PURPOSE: This collection of articles is intended for geodesists, photogrammetrists, and cartographers.

COVERAGE: This issue contains articles on geodetic surveying, photogrammetry, and cartography. The articles devoted to geodetic surveying discuss errors in precise leveling, an engineer level, and the speed of light in a vacuum. In the field of photogrammetry there are articles on camera tilt, the use of photos of two scales in densifying control, and the differential method of aerial triangulation. Two articles in cartography discuss

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

Polish school atlases and the history of political administrative maps of the USSR. References accompany individual articles.

TABLE OF CONTENTS:

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Piskunov, M. Ye. Errors in Precise Leveling Caused by Incorrect Placement (Holding) of Invar Rods 41

Prilepin, M. T. The Most Probable Value of the Speed of Light in Vacuum 53

Fateyev, A. P. The Use of Aerial Photos of Two Scales for Densifying Horizontal and Vertical Control in Large Scale Surveys 61

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Kirillov, A. M. Polish School Atlases in Geography 71

Fedoruk, G. D. The Differential Method of Aerial Triangulation Considering Side, Base and Azimuth Conditions 77

Bilich, Yu. S. Notes From the History of the Development of Political Administrative Maps of the USSR 105

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRILEPIN, M. T. Cand Tech Sci -- (diss) "Determination of the index of refraction of air during measurement of distances by photo-modulating range finders." Mos, 1956. 15 pp 21 cm.(Min of Higher Education USSR. Mos Inst of Engineers of Geodesy, Aerial Photography,and Cartography), 100 copies. (KL, 15-57, 106)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRILEPIN, M.T., aspirant

Determining the diffraction factor of air in connection with distance measurements by light-modulation range finders. Izv. vys. ucheb. zav.; geod. i aerof. no. 2:123-132 '57. (MIRA 11:7)

1. TSentral'nyy nauchno-issledovatel'skiy institut geodezii, aerosyemki i kartografii.
(Air--Diffraction)
(Range finding)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

NAZAROV, V.M., kand.tekhn.nauk; PRILEPIN, M.T., kand.tekhn.nauk; GENIKE, A.A.; MIKHAYLOV, V.S.

Results of field tests with a trial specimen of the large optical range finder of the Chief Administration of Geodesy and Cartography. Geod. i kart. no.11:12-15 N '58. (MIRA 11:12)
(Surveying--Instruments)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

3(4)

AUTHORS: Nazarov, V. M., Candidate of Technical Sciences, Prilepin, M. T., Candidate of Technical Sciences, Genike, A. A., Mikhaylov, V. S. SOV/6-58-11-2/15

TITLE: Results of Field Tests of the Test Model of the Large Optical Range Meter of the TsNIIGAiK (Rezul'taty polevykh ispytaniy opytnogo obraztsa Bol'shogo svetodal'nomera TsNIIGAiK)

PERIODICAL: Geodeziya i kartografiya, 1958, Nr 11, pp 12-15 (USSR)

ABSTRACT: The results of tentative tests of this range meter carried out in 1956 were published in Geodeziya i kartografiya. In 1957 the design of the range meter was somewhat modified and it was subsequently tested on the base net. The block scheme of the range meter is given here. A quartz generator produces high-frequency oscillations (10 Mcy.) which are mixed with the oscillations from the second generator. The resulting high-frequency oscillations are applied to a Kerr-cell after being multiplied and amplified. These oscillations are used as supporting oscillations for the phase-detecting. Two frequency measuring methods were tested: One according to the calibrated scale of the generator (using calibration points), the other with a conversion device. The second

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method was preferred, as it proved to be more simple, convenient, exact, and faster. The test runs were carried out in the [illegible] on the Sarata base net from September 9 to November 1, 1957. From the results presented in this paper it is to be seen that this optical range meter of the TsNIIGAiK complies with the requirements placed upon big range meters. At present the design is somewhat altered and the principal electronic scheme is improved. It is intended to reduce the weight and the size of the device. There are 2 figures, 2 tables, and 1 Soviet reference.

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

AUTHORS: Larin, B. A., Candidate of Technical Sciences, Nazarov, V. M., Candidate of Technical Sciences, Prilepin, M. T., Candidate of Technical Sciences, Entin, I. I., Candidate of Technical Sciences, Genike, A. A., Lazanov, P. Ye., Mikhaylov, V. S., Shevelev, A. P.

S/006/60/000/04/018/019
B007/B005

TITLE: On the Book by A. V. Kondrashkov, "Electrooptical Range Finders"

PERIODICAL: Geodeziya i kartografiya, 1960, Nr 4, pp 73-76 (USSR)

TEXT: This is a review of the book by A. V. Kondrashkov (Ref, Footnote on p 73) published in 1959. It is thoroughly discussed as far as it first tries to generalize and systematize the data required for optical range finders. The book consists of two parts. The first part (60% of the volume) gives data from physics, radio engineering, electrical engineering, and electronics. The second part deals with problems directly connected with optical range finders. The incoherent data of varying level on the fields mentioned in the first part are too extensive and inconvenient. The division and mode of representation of these chapters is also a failure. The theory of optical range finders is not well explained. Several concrete mistakes of the book are pointed out. The great number of such mistakes

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

On the Book by A. V. Kondrashkov, "Electrooptical Range Finders"

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B007/B005

reduces the value of the book considerably. It is regretted that the editor of the book Yu. V. Popov paid his principal attention to the title, not to the contents of the book, as can be seen from the introduction. There is 1 Soviet reference.

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LARIN, B.A., kand.tekhn.nauk; NAZAROV, V.M., kand.tekhn.nauk; PRILEPIN, M.T., kand.tekhn.nauk; ENTIN, I.I., kand.tekhn.nauk; GENIKE, A.A.; LAZANOV, P.Ye.; MIKAYLOV, V.S.; SHEVELEV, A.P.

On A.V. Kondrashkov's book "Electrooptical range finders." Geod. i kart. no.4:73-76 Ap '60. (MIRA 13:8)
(Range finders) (Kondrashkov, A.V.)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

VIROVETS, Yu.B.; DEMUSHKIN, A.I.; PRILEPIN, M.T.

Testing an experimental model of the SDD geodimeter. Geod.i kart. no.10:8-14 O '62. (MIRA 15:12)
(Geodimeter--Testing)

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ACCESSION NR: AP4033975 S/0006/64/000/004/0017/0021

AUTHORS: Prilepin, M. T.; Lazanov, P. Ye.; Petrov, V. P.

TITLE: On the determination of an effective light wavelength for light telemetric measurements

SOURCE: Geodeziya i kartografiya, no. 4, 1964, 17-21

TOPIC TAGS: light telemetry, triangulation geometry, radio geodesy, surveying, cartography/ EOD 1 telemeter, STs 70 incandescent lamp, Kerr cell, FEU 17A photomultiplier, FEU 70 photomultiplier, FEU 7 photomultiplier

ABSTRACT: The authors undertook to investigate which wavelength requires the determination of propagation velocity in order to gain the most reliable light telemetric measurements. Telemeter EOD-1 with incandescent lamp STs-70 (known spectral characteristic) as a light source was used to quantify a "working" spectral bandwidth and effective light wavelength. Preliminary calibrations were performed to determine spectral distribution of the energy of the light stream by means of obtaining the spectral characteristics of sending and receiving systems, the Kerr cell modulator, and reflector. A plot was made showing comparative spectral sensitivities versus emission wavelength for a tungsten beam, for

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ACCESSION NR: AP4033975

spectral translucence over 40 km (20 km reflected), and light energy from telemeter EOD-1 received by photomultiplier FEU-17A. Joint consideration of the three sensitivity curves yielded a fourth that indicated maximum effectiveness between the wavelengths of 4200 and 6400 A. The determination of λ_{eff} (effective wavelength) was formulated mathematically first by calculating the effective refraction index n_{eff}

$$n_{eff}=\frac{\sum_{i=1}^{i=p} n_\lambda k_\lambda \Delta\lambda}{\sum_{i=1}^{i=p} k_\lambda \Delta\lambda},$$

where p is the number of wavelength increments corresponding to $\Delta\lambda$, n_λ is the refraction index for the interval, and k_λ is a relative sensitivity constant read from the fourth curve mentioned above. In turn the relationship

$$n_\lambda=1+A+\frac{3B}{\lambda^2}+\frac{5C}{\lambda^4},$$

was used to solve for the effective wavelength corresponding to the effective refraction index found. A,B, and C are dispersion coefficients. For the optical apparatus mentioned λ_{eff} was found to be 5270 Å. Similar theoretical and experimental results yielded λ_{eff} = 5570 and 5400 Å for photomultipliers FEU-70 and

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FEU-7 respectively. A schematic diagram of the experimental apparatus is presented. Orig. art. has: 4 equations and 3 figures.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00

SUB CODE: ES NO REF SOV: 006 OTHER: 001

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRILEPIN, M.T.; LAZANOV, P.Ye.; PETROV, V.P.

Determining the effective length of a light wave by geodimetric measurements. Geod. i kart. no.4:17-21 Ap '64.
(MIRA 17:8)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRILEPIN, M.T.

Reduction of lines measured with geodimeters and tellurometers on the translation surface. Geod. i kart. no.2:19-23 F '64. (MIRA 17:3)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRILEPINA, Ye.M., inzh.

Selecting samples of peat-mineral-ammonium fertilizers.
Torf. prom. 38 no.4:10-12 '61. (MIRA 14:9)

1. Orekhovskaya inspektsiya Glavnoy inspektsii po kachestvu torfa.
(Peat) (Fertilizers and manure)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRILEPKO, A.I.; SUVOROV, G.D.

Existence theorem for converging sequences of analytic functions.
Usp. mat. nauk 14 no.1:215-218 Ja-F '59. (MIRA 12:3)
(Functional analysis)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRILEPKO, A.I.

Inverse problem of the metaharmonic potential. Dokl. AN SSSR 154 no. 3:534-537 Ja '64. (MIRA 17:5)

1. Institut matematiki s vychislitel'nym tsentrom Sibirskogo otdeleniya AN SSSR. Predstavleno akademikom M.A.Lavrent'yevym.

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

PRILEPKO, A.I.

Uniqueness of the solution to the inverse problem of metaharmonic potential. Dokl. AN SSSR 139 no.6:1308-1310 Ag '61.
(MIRA 14:8)

1. Predstavleno akademikom I.N. Vekua.
(Differential equations)
(Potential, Theory of)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

L 37754-66 EWT(d) IJP(c)

ACC NR: AP6014529 SOURCE CODE: UR/0199/65/006/006/1332/1356

32
31
B

AUTHOR: Prilepko, A. I.

ORG: none

TITLE: The inverse problem of the metaharmonic potential for a body that is close to the given one

SOURCE: Sibirskiy matematicheskiy zhurnal, v. 6, no. 6, 1965, 1332-1356

TOPIC TAGS: inverse problem, integrodifferential equation, Hilbert space, coordinate system, mathematic operator, bounded function, series, integral operator, boundary value problem, HARMONIC FUNCTION

ABSTRACT: The inverse problem of the metaharmonic potential for a body T_1 for which is known its external metaharmonic potential V_1 (which is close in the sense of some distance function to the external metaharmonic potential V of the given body T) is solved. It is assumed that the body T is star-shaped relative to some internal point. The boundary S of the body T is such that the functions of its parametric representation are twice continuously differentiable, and their second derivatives satisfy Hölder's condition with $0 < \lambda < 1$. The principal theorem: There exists a (unique) surface S_1, which bounds the body T_1, satisfying the condition $\|\zeta\| < d$, such that the external metaharmonic potential of body T_1 of unit density is equal to the given

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ACC NR: AP6014529

metaharmonic function V_1 in a domain that is external relative to surface S_1. The integrodifferential for $\zeta(\xi,\eta)$ is derived:

$$2\pi\zeta - \int_S \frac{\partial}{\partial n_x}\left(\frac{e^{-\varkappa r_{xy}}}{r_{xy}}\right)\zeta(y)\,d_y\sigma = f + g\zeta + \Phi(\zeta) + \Psi(\zeta).$$

It is shown that if ζ is a sufficiently small solution of this equation, then $\hat{V}_1 \equiv V_1$, i.e., the body T_1, which is bounded by the surface $\nu = \zeta(\xi,\eta)$, has its own external potential V_1. The properties of the metaharmonic potentials are examined. The operator $\Psi(\zeta)$ is studied. The principal integro-differential equation of the problem is solved. Orig. art. has: 98 formulas.

SUB CODE: 12/ SUBM DATE: 16Dec64/ ORIG REF: 010/ OTH REF: 002

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001343020012-5

16(1)

AUTHORS: Prilepko,A.I., and Suvorov,G.D. SOV/42-14-1-18/27

TITLE: An Existence Theorem for Convergent Sequences of Analytic Functions (Odna teorema sushchestvovaniya dlya skhodyashchikhsya posledovatel'nostey analiticheskikh funktsiy)

PERIODICAL: Uspekhi matematicheskikh nauk,1959,Vol 14,Nr 1,pp 215-216(USSR)

ABSTRACT: Theorem: In the w-plane let be given a bounded continuum K. Let the point w_o belong to that component of the complement of K which contains the infinitely far point. Then there exists a sequence of schlicht functions $\{f_n(z)\}$, $f_n(0) = w_o$, $f_n'(0) > 0$, analytic in $|z| < 1$ which converges uniformly in $|z| < 1$, and a point z_o on $|z| = 1$ so that the set of all points of condensation of arbitrary sequences $\{f_n(z_n)\}$, $\lim_{n\to\infty} z_n = z_o$, $|z_n| < 1$ is identical with K.
There are 4 references, 3 of which are Soviet, and 1 German.

SUBMITTED: July 18, 1957

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